

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20720	(713/168-172 OR 713/178 OR 713/180 OR 713/182-186 OR 713/155-156 OR 713/176 OR 726/2-10 OR 726/17-21 OR 726/26-30 OR 380/255 OR 380/259 OR 380/282 OR 380/285 OR 380/44 OR 380/30 OR 380/229-232 OR 380/247).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:37
L2	434	provid\$4 with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (client ) WITH authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:38
L3	1158	(authentication ADJ request) SAME (sign\$2 OR encrypt\$2 SAME key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:38
L4	622	(authentica\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp) near (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:39
L5	4889	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:39
L6	161	L1 and L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:40

## EAST Search History

L7	342	L1 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:40
L8	139	L1 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:40
L9	33	L1 and L2 and @rlad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:41
L10	87	L1 and L3 and @rlad <="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:41
L11	31	L1 and L4 and @rlad <="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 17:41
S3	4	kuhn-reid-\$.in.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:27
S7	1	coyne-alexander-\$.in.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:31
S8	1	10/762012	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:32

## EAST Search History

S10	0	(credential near inforamtion) SAME (first NEAR logic)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:34
S11	2	(credential near information) SAME (first NEAR logic)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:34
S12	2	(credential near information) SAME (first NEAR logic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:35
S13	100668	time NEAR information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:35
S14	3	(time NEAR information) SAME (authenticat\$4 NEAR logic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/19 07:35
S15	1	10/762012 AND (authentication NEAR5 (nonce data))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 09:43
S16	1	10/762012 AND (authentication NEAR5 (nonce ADJ data))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/08/17 07:01
S27	1	10/762012 AND (output\$4 NEAR5 request)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:59
S30	1	10/762012 AND ((authentication ADJ logic) NEAR3 (authentication ADJ request))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/19 11:07

## EAST Search History

S34	1	10/762012 AND (client SAME server)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:10
S48	2	(trusted NEAR3 authentication NEAR4 credential).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 07:38
S49	1	10/762012 AND (signature)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 07:55
S50	17676	(713/168-172 OR 713/178 OR 713/180 OR 713/182-186 OR 713/155-156 OR 713/176 OR 726/2-10 OR 726/17-21 OR 726/26-30 OR 380/255 OR 380/259 OR 380/282 OR 380/285 OR 380/44 OR 380/30 OR 380/229-232 OR 380/247).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:59
S51	2308	authentication NEAR3 exchange	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:18
S52	55	authentication NEAR3 exchange NEAR10 (authentication NEAR2 request)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:23
S53	7	(authentication NEAR credential) SAME exchange SAME (authentication NEAR2 request)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:39
S55	2	"6,044,471".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:59

## EAST Search History

S56	2	"5,999,711".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:47
S57	2	"6,367,009".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:48
S58	2	"6,377,691".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:49
S59	2	"6,643,774".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:49
S60	2	"6,651,168".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:51
S61	2	"6,785,825".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:52
S63	2	"20030188193"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:15

## EAST Search History

S64	2	"20030212806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:53
S65	2	"20050210252"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 08:59
S67	2	"20040243832"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:04
S68	2	"20020169988"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:04
S69	1408	authentication NEAR (hardware OR firmware OR software)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:20
S70	86	timestamp NEAR4 nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:19
S72	143	timestamp SAME nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:19
S74	156	(authentication NEAR (hardware OR firmware OR software)) SAME (time OR timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:20

## EAST Search History

S75	53	S50 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:33
S76	4902	authentication ADJ request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:34
S77	967	(authentication ADJ request) SAME (sign\$2 OR encrypt\$2 SAME key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:35
S78	477	(authentication ADJ request) SAME (sign\$2 OR encrypt\$2) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:37
S79	102	(authentication NEAR information) SAME (credential NEAR information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:38
S80	4	S78 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:38
S82	2	"20030210788"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:45

## EAST Search History

S83	2	"20030210787"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:41
S84	2	"20030130857"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:44
S85	216	((authentication NEAR information) SAME time WITH authentication). clm.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:54
S86	54	((authentication NEAR request) SAME authentication WITH credential).clm.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:54
S87	3340	(authentication SAME (sign\$2 OR encrypt\$2)).clm.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:54
S88	1	S85 and S86 and S87	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:50
S89	1	S85 and S86	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:50
S90	10	S86 and S87	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:50
S95	1813	((authentication NEAR information) SAME time WITH authentication)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:01
S96	313	((authentication NEAR request) SAME authentication WITH credential)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:54



## EAST Search History

S97	23943	(authentication SAME (sign\$2 OR encrypt\$2))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:55
S98	29	S95 and S96	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 09:55
S99	29	((authentication NEAR information) SAME timestamp WITH authentication)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:21
S100	18865	biometric	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:23
S101	7531	biometric WITH user	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:33
S102	476	collect\$4 SAME biometric WITH user	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:24
S103	4497	authentication ADJ request	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:24
S104	65	(authentication ADJ request) NEAR3 sign\$2 SAME key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:25
S105	65	S103 and S104	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:28
S106	27	S102 and S103	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:28

## EAST Search History

S10 7	476	S101 AND S102	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:33
S10 8	146	S50 and S107	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:41
S11 2	2	"20050005135"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:47
S11 3	1510	access\$4 NEAR3 biometric	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:48
S11 4	130698	(sign\$4 OR encrypt\$4) WITH key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:48
S11 5	0	(sign\$4 OR encrypt\$4) NEAR5 autentication WITH key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:49
S11 6	6284	(sign\$4 OR encrypt\$4) NEAR5 authentication WITH key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:49
S11 7	42	(encrypt\$ NEAR authentication ADJ request)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:49
S11 9	5	trust\$4 ADJ authentication ADJ credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/20 10:59

## EAST Search History

S12 0	0	authentication NEAR2 credential WITH non-secure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:06
S12 1	2036	authentication NEAR2 credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:08
S12 2	10	authentication With time same credential with cryptographic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:18
S13 3	2	"20050160264" AND (time\$5 OR temporal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:16
S13 5	15656	authentication with (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:18
S13 6	2275	authentication with (time timestamp) with request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:19
S13 7	75	authentication with (time timestamp) with request with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:50

## EAST Search History

S13 9	134526	nce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:50
S14 0	234	authentication NEAR5 nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:51
S14 1	6	authentication NEAR5 nonce NEAR timestamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 07:53
S14 2	93	authentication WITH nonce WITH (timestamp time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 08:07
S14 4	7	(authentication NEAR2 (data code information)) WITH nonce NEAR3(timestamp time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 08:50
S14 6	18	(authentication NEAR2 (data code information)) WITH nonce WITH (timestamp time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:18
S15 1	1	"7178034" AND (nonce WITH timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 09:24

## EAST Search History

S15 2	1	"7178034" AND (nonce WITH timestamp) SAME authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 09:45
S16 0	2	"6915423".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 09:47
S16 6	5755	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:21
S16 7	1201	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) same (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:21
S16 8	621	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:52
S17 0	6	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (time timestamp) WITH modif\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:12
S17 1	624	nonce with (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:34

## EAST Search History

S17 2	93	nonce with (time timestamp) WITH authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:55
S17 3	0	biometric with cedential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:55
S17 4	462	biometric with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:55
S17 5	15	biometric with credential with (gather\$4 collect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:11
S17 6	1804	provid\$4 with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (client )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:13
S17 7	368	provid\$4 with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (client ) WITH authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:14
S17 8	163	provid\$4 with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (client ) WITH authentication with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:14

## EAST Search History

S17 9	126	S178 AND @ay<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:15
S18 0	106	S178 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:24
S18 1	2	"5,764,887".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:26
S18 2	7481	authentication With client with server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:27
S18 3	457	authentication With client with server with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:27
S18 4	26	authentication With client with server with credential with (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 11:34
S18 5	2	"20050160264" AND (authentication near request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:10

## EAST Search History

S18 6	2	"20050160264" AND (authentication near information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:30
S18 7	467	authentication near logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:17
S18 8	411	authentication ADJ logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:19
S18 9	20	(time timestamp) with (authentication ADJ logic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:20
S19 0	1	(time timestamp) with (authentication ADJ logic) with (authentication near (data code information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:21
S19 1	1	(time timestamp) with (authentication ADJ logic) with (authentication near2 (data code information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:26
S19 2	12	(time timestamp) with (authentication ADJ (logic or module)) with (authentication near2 (data code information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:26



## EAST Search History

S19 3	1	"20050160264" AND (authentication near logic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:34
S19 4	3167	(authentication near (logic module)) generat\$4 WITH (nonce with (time timestamp))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:39
S19 5	2845	(authentication ADJ (logic module)) generat\$4 WITH (nonce with (time timestamp))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:35
S19 6	2622	(authentication ADJ (logic module)) generat\$4 WITH (nonce with (time timestamp)) with request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:36
S19 7	1495	S196 AND @ad<"20040112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:36
S19 8	2612	(authentication ADJ (logic module)) generat\$4 NEAR5 (nonce NEAR9 (time timestamp)) with request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:37
S20 5	0	(authentication near3 (logic module)) near3 generat\$4 WITH (nonce with (time timestamp))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:40

## EAST Search History

S20 8	5083	(authentication near3 (logic module))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:40
S20 9	2	(authentication near3 (logic module)) WITH nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:41
S21 0	534673	(server) generat\$4 WITH nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:42
S21 1	83	(server) near3 generat\$4 WITH nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:42
S21 2	2	(server) near3 generat\$4 WITH (nonce near5 timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:42
S21 3	100	(nonce near5 timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:42
S21 4	16	server with (nonce near5 timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:42

## EAST Search History

S21 5	342	S168 AND @ad<="20040112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:54
S21 6	6	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (time timestamp) with modif\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:53
S21 7	265	S168 AND @ad<="20030112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:58
S21 8	13	generat\$4 near3 (nonce near5 timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:49
S21 9	224209	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:03
S22 0	105	S219 WITH (timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:51
S22 1	125	S219 WITH (timestamp OR nonce)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:52

## EAST Search History

S22 2	89	S221 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:52
S22 3	18714	(713/168-172 OR 713/178 OR 713/180 OR 713/182-186 OR 713/155-156 OR 713/176 OR 726/2-10 OR 726/17-21 OR 726/26-30 OR 380/255 OR 380/259 OR 380/282 OR 380/285 OR 380/44 OR 380/30 OR 380/229-232 OR 380/247).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:59
S22 4	28	S222 AND S223	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:59
S22 6	1	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication with timestamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:04
S22 7	8	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication same timestamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:06
S22 8	12	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication same (timestamp OR nonce)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:15
S22 9	4288	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:16

## EAST Search History

S23 0	396	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication with request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:13
S23 1	396	S230 AND ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:16
S23 2	198	S230 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:17
S23 3	64	S223 AND S232	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:34
S23 4	353	(authenticat\$3 authori\$6 verif\$7) adj (information data) with (time) near (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:36
S23 5	199	(authenticat\$3 authori\$6 verif\$7) adj (information data) with (time) adj (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:37
S23 6	126	S235 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:06

## EAST Search History

S23 7	232	S234 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:07
S23 8	67	(authentication ADJ request) NEAR3 sign\$2 SAME key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:07
S24 1	30	S223 AND S238	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 07:35
S25 2	4307	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 08:45
S25 4	224466	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:43
S25 5	15474	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) WITH (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:30
S25 7	537	(authenticat\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp) near (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 08:48

## EAST Search History

S25 9	18790	(713/168-172 OR 713/178 OR 713/180 OR 713/182-186 OR 713/155-156 OR 713/176 OR 726/2-10 OR 726/17-21 OR 726/26-30 OR 380/255 OR 380/259 OR 380/282 OR 380/285 OR 380/44 OR 380/30 OR 380/229-232 OR 380/247).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 08:50
S26 0	119	S257 and S259	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 08:54
S26 2	72	S260 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 11:49
S26 3	72	S260 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:03

## EAST Search History

S26 4	72	(US-20020016913-\$ or US-20020042883-\$ or US-20020067832-\$ or US-20020095573-\$ or US-20020169988-\$ or US-20020169963-\$ or US-20030061518-\$ or US-20030126439-\$ or US-20030126438-\$ or US-20030126437-\$ or US-20030131235-\$ or US-20030131234-\$ or US-20030154413-\$ or US-20030212887-\$ or US-20040006697-\$ or US-20040030912-\$ or US-20040030895-\$ or US-20040054797-\$ or US-20040068656-\$ or US-20040093523-\$ or US-20040111625-\$ or US-20040128508-\$ or US-20040153560-\$ or US-20040172541-\$ or US-20040172531-\$ or US-20040187036-\$).did. or (US-20040187024-\$ or US-20040186995-\$ or US-20050060578-\$ or US-20050125693-\$ or US-20050125668-\$ or US-20050138148-\$).did. or (US-5311596-\$ or US-5412727-\$ or US-5457747-\$ or US-5560008-\$ or US-6006332-\$ or US-6005938-\$ or US-6049611-\$ or US-6076164-\$ or US-6088450-\$ or US-6148404-\$ or US-6229806-\$ or US-6338139-\$ or US-6449722-\$ or US-6463474-\$ or US-6470450-\$ or US-6515575-\$ or US-6618584-\$ or US-6782260-\$ or US-6842859-\$ or US-6851054-\$ or US-6934860-\$ or US-6938156-\$ or US-6938037-\$ or US-6950940-\$ or US-7010691-\$ or US-7010500-\$). did. or (US-7024697-\$ or US-7024556-\$ or US-7089420-\$ or US-7120793-\$ or US-7131133-\$ or US-7139917-\$ or US-7143436-\$ or US-7143284-\$ or US-7152047-\$ or US-7162035-\$ or US-7188224-\$ or US-7194618-\$ or US-7216360-\$ or US-7228422-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/16 12:03
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## EAST Search History

S26 5	35	S264 and (authentication near3 request)	US-PGPUB; USPAT	OR	ON	2007/08/16 12:04
S26 6	3	S264 and (authentication near3 request) with (encrypt\$4 decrypt\$4)	US-PGPUB; USPAT	OR	ON	2007/08/16 12:44
S26 7	0	S264 and (nonce)	US-PGPUB; USPAT	OR	ON	2007/08/16 12:45
S27 0	2	"5537474".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 15:43
S27 1	1	10/762012 AND (credential near3 information)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/08/17 12:08
S27 2	0	10/762012 AND (certificate with token)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/08/17 07:10
S27 3	0	10/762012 AND (certificate same token)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/08/17 07:10
S27 4	1	10/762012 AND (certificate )	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/08/17 07:10
S27 5	537	(authenticat\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp) near (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:38

# EAST Search History

S27	537	(US-20070192591-\$ or	US-PGPUB; OR	ON	2007/08/17 08:30
6		US-20070189581-\$ or	USPAT;		
		US-20070188310-\$ or	EPO; JPO;		
		US-20070186095-\$ or	DERWENT		
		US-20070186047-\$ or			
		US-20070185992-\$ or			
		US-20070185732-\$ or			
		US-20070177690-\$ or			
		US-20070174729-\$ or			
		US-20070174629-\$ or			
		US-20070174208-\$ or			
		US-20070174164-\$ or			
		US-20070174067-\$ or			
		US-20070168674-\$ or			
		US-20070168518-\$ or			
		US-20070167139-\$ or			
		US-20070165582-\$ or			
		US-20070156592-\$ or			
		US-20070156456-\$ or			
		US-20070152052-\$ or			
		US-20070150953-\$ or			
		US-20070149874-\$ or			
		US-20070143609-\$ or			
		US-20070136820-\$ or			
		US-20070136795-\$ or			
		US-20070124800-\$).did. or			
		(US-20070124599-\$ or			
		US-20070118899-\$ or			
		US-20070113092-\$ or			
		US-20070113072-\$ or			
		US-20070106912-\$ or			
		US-20070103993-\$ or			
		US-20070096870-\$ or			
		US-20070086554-\$ or			
		US-20070086049-\$ or			
		US-20070079347-\$ or			
		US-20070076875-\$ or			
		US-20070067627-\$ or			
		US-20070067565-\$ or			
		US-20070061270-\$ or			
		US-20070055876-\$ or			
		US-20070053518-\$ or			
		US-20070050853-\$ or			
		US-20070044146-\$ or			
		US-20070043984-\$ or			
		US-20070040651-\$ or			
		US-20070033393-\$ or			
		US-20070033392-\$ or			
		US-20070033139-\$ or			
		US-20070023506-\$ or			
		US-20070022470-\$ or			
		US-20070022437-\$ or			
		US-20070022195-\$).did. or			
		(US-20070021141-\$ or			
		US-20070019238-\$ or			
		US-20070014214-\$ or			
		US-20070006287-\$ or			
		US-20070005967-\$ or			
		US-200700001857-\$ or			

## EAST Search History

S27 7	10	S276 and (access near3 token)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/17 08:32
S27 8	71	S276 and ((access near3 token) or token)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/17 08:38
S27 9	36	S278 AND @ad<="20040121"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/17 08:38
S28 0	71	S276 and ((access with token) or token)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/17 08:38
S28 1	36	S278 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 08:39
S28 2	131	(authenticat\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp) near (limit period) same (access token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:37
S28 3	91	S282 and @ad<="20040112"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 08:40
S28 6	3	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication with (access near3 token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 08:50
S28 7	302	authentication with (access near3 token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 08:51

## EAST Search History

S289	302	authentication with (access near3 token) with access	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:03
S290	11	(authentication near3 request) with (access near3 token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 08:55
S291	6	(authentication near2 request) with (access near3 token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:06
S292	31	(authentication near2 request) SAME (access near3 token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:11
S293	111	(time or (time near stamp)) with NONCE with identifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:11
S296	8	authentication WITH (time timestamp time NEAR stamp) near (limit period) same (access NEAR3 token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:22
S297	3576	authentication WITH ((access near2 token) token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:23

## EAST Search History

S29 8	1402	authentication WITH ((access near2 token) token) same key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:23
S29 9	1021	authentication WITH ((access near2 token) token) WITH key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:34
S30 0	131	authentication WITH ((access near2 token) token) WITH key with response	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 09:34
S30 1	58	S300 and @ad <="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 10:00
S30 8	7	(authenticat\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp) near (limit period) and (non near secure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:13
S31 0	26	"5,263,157.pn" "6,513,039".pn. "6,449,721".pn. "5,761,669".pn. "6,327,613".pn. "5,862,330".pn. "6,463,471".pn. "6,330,677".pn. "6,594,763".pn. "5,675,721".pn. "6,473,783".pn. "6,711,263".pn. "6,393,565".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:16

## EAST Search History

S31 1	26	(US-5675721-\$ or US-5761669-\$ or US-5862330-\$ or US-6327613-\$ or US-6330677-\$ or US-6393565-\$ or US-6449721-\$ or US-6463471-\$ or US-6473783-\$ or US-6513039-\$ or US-6594763-\$ or US-6711263-\$). did. or (US-5675721-\$ or EP-820028-\$ or US-5761669-\$ or WO-200069113-\$ or US-6289450-\$ or US-6327613-\$ or US-6330677-\$ or US-20020059372-\$ or US-6393565-\$ or US-6463471-\$ or US-6513039-\$ or US-6594763-\$ or AU-6449721-\$ or NL-6711263-\$). did.	USPAT; DERWENT	OR	ON	2007/08/17 13:18
S31 3	1	10/762012	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:24
S31 4	2	"20050160264"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:24
S31 5	9	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication with ((non near secure) insecure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:44
S31 6	4307	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:53
S32 0	9	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication with (time (time near stamp) timestamp period) with (seed random NONCE )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:34

## EAST Search History

S32 1	537	(authenticat\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp) near (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:38
S32 2	18	(authenticat\$3 authori\$6 verif\$7) adj2 (information data) with (time timestamp time ADJ stamtp) near (limit period) WITH (seed random NONCE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:50
S32 3	2	"20050160264" and credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 13:50
S32 4	3	09/179477	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:20
S32 5	3	09/179477 AND time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 14:20
S32 9	105	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with (timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 15:40
S33 0	19	biometric with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:04

## EAST Search History

S33 1	1090	(biometric ID userid fingerprint password) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:04
S33 2	1068	(biometric ID fingerprint password) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:04
S33 4	0	(biometric ID fingerprint password) with timestamp AND @ad<="20040121" with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:05
S33 6	1068	(biometric ID fingerprint password) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:05
S33 7	394	(biometric ID fingerprint password) with timestamp AND @ad<="20040121" and authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:06
S33 8	384	(ID fingerprint password) with timestamp AND @ad<="20040121" and authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:06
S33 9	42	(credential) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:10



## EAST Search History

S34 0	1	(credential near data) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:10
S34 1	1059	(credential ID password) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:10
S34 2	962	(ID ) with timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:11
S34 3	0	(ID ) with timestamp AND @ad<="20040121" with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:11
S34 4	10854	timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:11
S34 5	42	(credential) WITH timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:15
S34 6	0	(credential NEAR ID) WITH timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:16

## EAST Search History

S34 7	42	(credential) WITH timestamp AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 16:24
S34 8	5	(biometric credential finger) WITH timestamp with encrypt\$4 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:11
S34 9	8497	encrypt\$4 WITH (request\$) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:11
S35 0	335	encrypt\$4 WITH ( authentication near2 request) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:12
S35 1	0	encrypt\$4 WITH ( authentication near2 request) AND @ad<="20040121" with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:12
S35 2	105	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with (timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:13
S35 3	71	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with (timestamp) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:22

## EAST Search History

S35 4	1130	(credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with (timestamp) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:22
S35 5	0	(credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with (timestamp) AND @ad<="20040121" with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:22
S35 6	36	authentication WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with (timestamp) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:26
S35 8	3	"09/179477"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:27
S35 9	15	("6330677").URPN.	USPAT	OR	ON	2007/08/17 17:27
S36 0	15	("6330677").URPN.	USPAT	OR	ON	2007/08/17 17:27
S36 1	8376	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) WITH (time timestamp) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:31
S36 2	8376	((gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) WITH (time timestamp) )AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:31

## EAST Search History

S36 3	71	((gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) WITH (timestamp) )AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:33
S36 4	102983	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric fingerprint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:33
S36 5	9730	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric fingerprint) with (time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:48
S36 6	355	(authenticat\$3 authori\$6 verif\$7) adj (information data) with (time timestamp) near (limit period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:36
S36 7	10	(authenticat\$3 authori\$6 verif\$7) adj (information data) with (time timestamp) near (limit period) with encrypt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:37
S36 8	157423	(sign\$4 encrypt\$4 "cryptographically modified") with key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:40
S36 9	296	authentication NEAR request WITH (sign\$4 encrypt\$4 "cryptographically modified") with key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:40

## EAST Search History

S37 0	173	authentication NEAR request WITH (sign\$4 encrypt\$4 "cryptographically modified") with key AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:41
S37 1	3134	(biometric (digital signature) password) WITH (time near stamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 10:39
S37 2	193	((biometric (digital signature) password) WITH (time near stamp)) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 10:40
S37 3	126	((biometric (digital signature) password) WITH (time near stamp)) with authentication AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 12:50
S37 5	3	((biometric) WITH (time near stamp)) with authentication AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 11:15
S37 6	29	((biometric) WITH (time near stamp)) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 11:15
S37 7	203	((biometric (digital signature) password) WITH (time near stamp)) same request AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 12:52

## EAST Search History

S38 0	587	(authentication near2 request) with (encrypt\$2 sign\$2) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 12:54
S38 4	516	(authentication near request) with (encrypt\$4 sign\$4) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 12:57
S38 5	173	(authentication near request) with (encrypt\$4 sign\$4) WITH key AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 13:21
S38 6	158	(authentication near request) with (certificate) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:07
S38 7	417	(authentication near request) NEAR4 (certificate sign\$4 encrypt\$4) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 13:27
S39 9	145	(request) with encryption WITH ( private adj key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 15:42
S40 0	59	(authentication ADJ request) NEAR9 encryption AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:11

## EAST Search History

S40 1	33	(authentication ADJ request) NEAR9 encryption WITH key AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:25
S40 3	1	"7017041".pn. AND "authentication request" with ("private key")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:33
S40 7	2	"20030026462" AND (nonce random)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 18:45
S40 9	22	(authentication ADJ request) WITH NONCE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:24
S41 2	102994	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric fingerprint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:48
S41 3	698	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric fingerprint) with encryption	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:48
S41 4	326	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric fingerprint) with encryption with key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:49

## EAST Search History

S41 5	21	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric fingerprint) with encryption with (private ADJ key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:54
S41 6	1	(authentication ADJ request) WITH (credential OR ID OR userID or password or biometric fingerprint) with encryption with (private ADJ key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:55
S41 7	33	(authentication ADJ request) with (encryption encrypted signed modified) with (private ADJ key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:56
S41 8	33	(authentication ADJ request) with (encryption encrypted signed modified) with (private ADJ key) AND ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:56
S41 9	27	(authentication ADJ request) with (encryption encrypted signed modified) with (private ADJ key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 06:57
S42 0	0	(authentication near responses) WITH ((access near2 token) token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:16
S42 1	70	(authentication near response) WITH ((access near2 token) token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:16



## EAST Search History

S42 2	40	(authentication near response) WITH ((access near2 token) token) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:26
S42 3	2	"20050044385" AND token	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:29
S42 4	1592	certificate with token	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:29
S42 5	246318	(certificate with token) withj client	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:46
S42 6	223	(certificate with token) with client	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:29
S42 7	103	(certificate with token) with client with server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:29
S42 8	48	(certificate with token) with client with server AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:03

## EAST Search History

S42 9	3	(authentication ADJ response) NEAR3 (token) with client with server AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:33
S43 1	156	encrypt\$2 WITH response with (token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 11:47
S43 2	61	encrypt\$2 WITH response with (token) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 12:07
S43 8	14	(authentication adj response) with token with (key )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 12:59
S44 3	163	generat\$4 NEAR2 (authentication ADJ response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 13:02
S44 4	5	generat\$4 NEAR2 (authentication ADJ response) NEAR5 token	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 13:02
S44 5	12	(generat\$4 creat\$4 send\$4)NEAR2 (authentication ADJ response) NEAR5 token	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:03

## EAST Search History

S44 6	32	(authentication ADJ response) with token	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:04
S44 7	16	(authentication ADJ response) with token AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:04
S44 8	0	(authentication ADJ response) with (token AND ticket) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:05
S44 9	19	(authentication ADJ response) with (token OR ticket) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 15:04
S45 0	2	"20030026462" and key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 15:49
S45 1	0	"authentication ADJ response" WITH (token certificate ticket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 15:49
S45 2	0	"authentication ADJ response"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 15:50

## EAST Search History

S45 3	1596	authentication ADJ response	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 15:50
S45 4	75	authentication ADJ response WITH (token certificate ticket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:02
S45 5	128	authentication ADJ response WITH (token certificate ticket identifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:02
S45 6	18790	(713/168-172 OR 713/178 OR 713/180 OR 713/182-186 OR 713/155-156 OR 713/176 OR 726/2-10 OR 726/17-21 OR 726/26-30 OR 380/255 OR 380/259 OR 380/282 OR 380/285 OR 380/44 OR 380/30 OR 380/229-232 OR 380/247).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:03
S45 7	28	(certificate with token) with client with server AND @ad<="20040121" AND S456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:05
S45 8	0	("7246230").URPN.	USPAT	OR	ON	2007/08/21 06:58
S46 8	2	"20030026462" AND (CLIENT WITH SERVER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:02

## EAST Search History

S469	3	"20030026462" AND (SERVER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:22
S470	2	"20040103064"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:30
S471	6328	certificate with (modifi\$4 request validate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:31
S472	1175	certificate with (modifi\$4 request validate) with authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:32
S473	151	certificate with (modifi\$4 request validate) with authentication with encrypt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:32
S474	92	certificate with (modifi\$4 request validate) with authentication with encrypt\$4 AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:44
S475	80	(authentication ADJ request) WITH (certificate) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 07:44

## EAST Search History

S47 7	80	(authentication ADJ request) WITH (certificate) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:29
S47 8	2	"20040103064"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 08:55
S47 9	1546	creat\$4 NEAR3 (public near key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 08:56
S48 0	434	creat\$4 NEAR3 (public near key) with encryp\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 08:56
S48 4	134646	retriev\$4 NEAR3 information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:29
S48 5	231	retriev\$4 NEAR3 information with (public near key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:30
S48 6	29	retriev\$4 NEAR3 information with (public near key) with request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:32

## EAST Search History

S489	19	retriev\$4 NEAR3 (authentication NEAR information) with ( key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:43
S490	1011	decrypt\$4 NEAR2 (authentication information) WITH (public ADJ key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:44
S491	704	decrypt\$4 NEAR2 (authentication information) WITH (public ADJ key) and @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 09:45
S492	14	decrypt\$4 NEAR2 (authentication ADJ information) WITH (public ADJ key) and @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:05
S494	383	retriev\$4 with (credential "ID" password biometric information) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:09
S500	145	retriev\$4 NEAR2 (credential "ID" password biometric information) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:33
S501	1	retriev\$4 NEAR2 (authentication ADJ request) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:34

## EAST Search History

S50 2	1	retriev\$4 NEAR3 (authentication NEAR request) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:34
S50 3	1	retriev\$4 NEAR3 (authentication NEAR2 request) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:34
S50 4	224	retriev\$4 NEAR3 (authentication request information credential) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:37
S50 5	830	(retriev\$4 decrypt\$4) NEAR3 ((authentication ADJ request) information) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:38
S50 6	8	(retriev\$4 decrypt\$4) NEAR3 ((authentication ADJ request) ) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:42
S50 7	7	(decrypt\$4) NEAR3 ((authentication ADJ request) ) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:43
S50 8	130	(decrypt\$4) NEAR3 (( request) ) with (public NEAR key) AND @ad<="20040121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:45



## EAST Search History

S51 1	18823	(713/168-172 OR 713/178 OR 713/180 OR 713/182-186 OR 713/155-156 OR 713/176 OR 726/2-10 OR 726/17-21 OR 726/26-30 OR 380/255 OR 380/259 OR 380/282 OR 380/285 OR 380/44 OR 380/30 OR 380/229-232 OR 380/247).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:45
S51 2	65	(decrypt\$4) NEAR3 (( request) ) with (public NEAR key) AND @ad<="20040121" AND S511	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:03
S51 3	3	"20050074126"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:50
S51 4	250	(creat\$4 establish\$4) NEAR2 (symmetric ADJ key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:50
S51 5	127	(creat\$4 establish\$4) NEAR2 (symmetric ADJ key) with encrypt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:51
S51 6	41	(creat\$4 establish\$4) NEAR2 (symmetric ADJ key) with encrypt\$4 with (public)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:37
S51 7	2	"6799270".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:37

## EAST Search History

S51 8	2	"20050160264"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:45
S51 9	2	"7185206".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:45
S52 0	2	"6799270".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:46
S52 1	3	"20030026462"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:46
S52 2	3	"20050074126"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:47
S52 3	2	"20040103064"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:47
S52 4	2	"6330677".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:50

## EAST Search History

S52 5	2	"20050021969"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:51
S52 6	2	"20040250085"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:53
S52 7	2	"20050044385"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:54
S52 8	2	"6327578".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:54
S52 9	2	"20040172531"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:55
S53 0	2	"20030115452"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:55
S53 1	2	"5790677".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:56

## EAST Search History

S53 2	2	"20050160264" and (credential near information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 12:43
S53 3	5	("20030026462" OR "20050074126" OR "20040103064") and certificate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 13:21
S53 4	2	("20030026462" "20050074126" "20040103064" ) and NONE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:15
S53 5	428	provid\$4 with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (client ) WITH authentication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:24
S53 6	2198	((authentication NEAR information) SAME time WITH authentication)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:24
S53 7	391	((authentication NEAR request) SAME authentication WITH credential)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:24
S53 8	391	((authentication NEAR request) SAME authentication WITH credential)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:25
S53 9	17533	authentication with (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:25

## EAST Search History

S54 0	274	(creat\$4 establish\$4) NEAR2 (symmetric ADJ key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:25
S54 1	1	(gather\$3 OR collect\$3 OR scan\$4 or enter\$3) WITH (credential OR ID OR userID or password or biometric OR irises faces fingerprint smartcard) with authentication with timestamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:25
S54 2	83	authentication with (time timestamp) with request with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:26
S54 3	148	authentication ADJ response WITH (token certificate ticket identifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:26
S54 4	9	(authentication NEAR2 (data code information)) WITH nonce NEAR3(timestamp time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:27
S54 5	68	authentication NEAR3 exchange NEAR10 (authentication NEAR2 request)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:27
S54 6	7433	(sign\$4 OR encrypt\$4) NEAR5 authentication WITH key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:28

## EAST Search History

S547	1	(time timestamp) with (authentication ADJ logic) with (authentication near2 (data code information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:28
S548	20	(authentication NEAR2 (data code information)) WITH nonce WITH (timestamp time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:28
S549	714	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard) WITH (time timestamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:29
S550	6505	request\$4 WITH authentication with (credential "ID" userid "password" biometric irises faces fingerprint smartcard)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:29
S551	0	(sign\$4 OR encrypt\$4) NEAR5 authentication WITH key	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:29
S552	3	(authentication near3 (logic module)) WITH nonce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:29
S553	1	(time timestamp) with (authentication ADJ logic) with (authentication near (data code information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 19:30